

# For clarification, these are moths...

**Moths** are apart of 13,000 species in 70 families in North America alone! They vary in size — the Atlas moth is the largest moth while the smallest moth which was recently discovered has very little known about it! Moths have thick antennae, fuzzy thoraxes & usually lie their wings flat while resting.



♂ Arctic cja

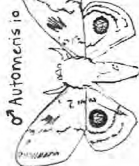


fig 9

Silk moth cocoon

\* Illinois moth collection @ The Field Museum

...these are butterflies



Danaus plexippus



Morphodidus

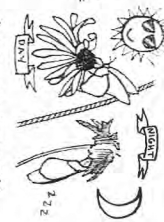
**Butterflies** are most common sipping nectar near flowers. Alongside bees (Hymenoptera) they help pollinate flowers. The Monarch butterfly is most known for their migration from the U.S. to Mexico in the thousands. Butterflies have taste receptors on their feet to let them know what they're eating. They have thin antennae thin abdomens/thoraxes & fold their wings at rest.

**SLUURP SIMILAR DIETS**

but 50000 different!!!  
Here's some of why...

Moths are usually asleep in the day but are active after twilight (crepuscular)

Butterflies are out during the day & sleep at night (diurnal)



Adult moths don't eat! A luna moth has no mouth & lives only to mate & lay eggs

Lepidoptera means "scale wing". BOTH have scales! The powder that rubs off when you touch them!

As caterpillars, both moths & butterflies eat lots of leaves to store up energy. Once they emerge from their cocoons/chrysalis, their life spans vary.

Shortest: 1 week  
generally around 12-14 weeks  
longest: 14 years

Psychrodidae (moth fly) (a fly, but mostly)

Luna moth (can't fly)

gryllophora groenlandica

Arctic Wolly Bear

Long live the night & the moth!!

So please, the next time you find a moth in your house, don't scream in fear! Open the door & let it go. **FREE IT!!**

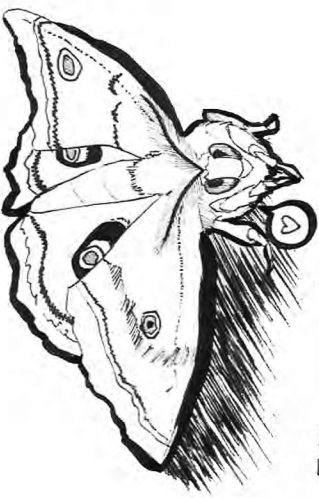
Take care now! Please be a good to me!

Thank you!!!

Don't kill more insects! Moths are attracted to light, they think it's the moon! Don't confuse them with light!

Until then!!!

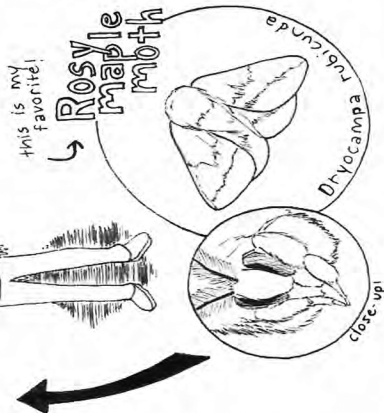
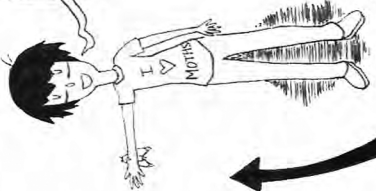
Tom C. Rye



**Monsters or MORE??**

**MOTHS**

Hi there! My name is Loren & I'm here to show you how **AMAZING** moths are! They are my favorite insects & I hope after this zine you'll appreciate them just a little more!!



this is my favorite!

Introduction

References provided by Lepidoptera Incorporated

www.butterfliesandmoths.org

www.bugguide.net

www.leps.it

The Small Science Collective

www.smallsciencecollective.org

www.smallsciencecollective.blogspot.com

http://smallsciencecollective.tumblr.com/



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